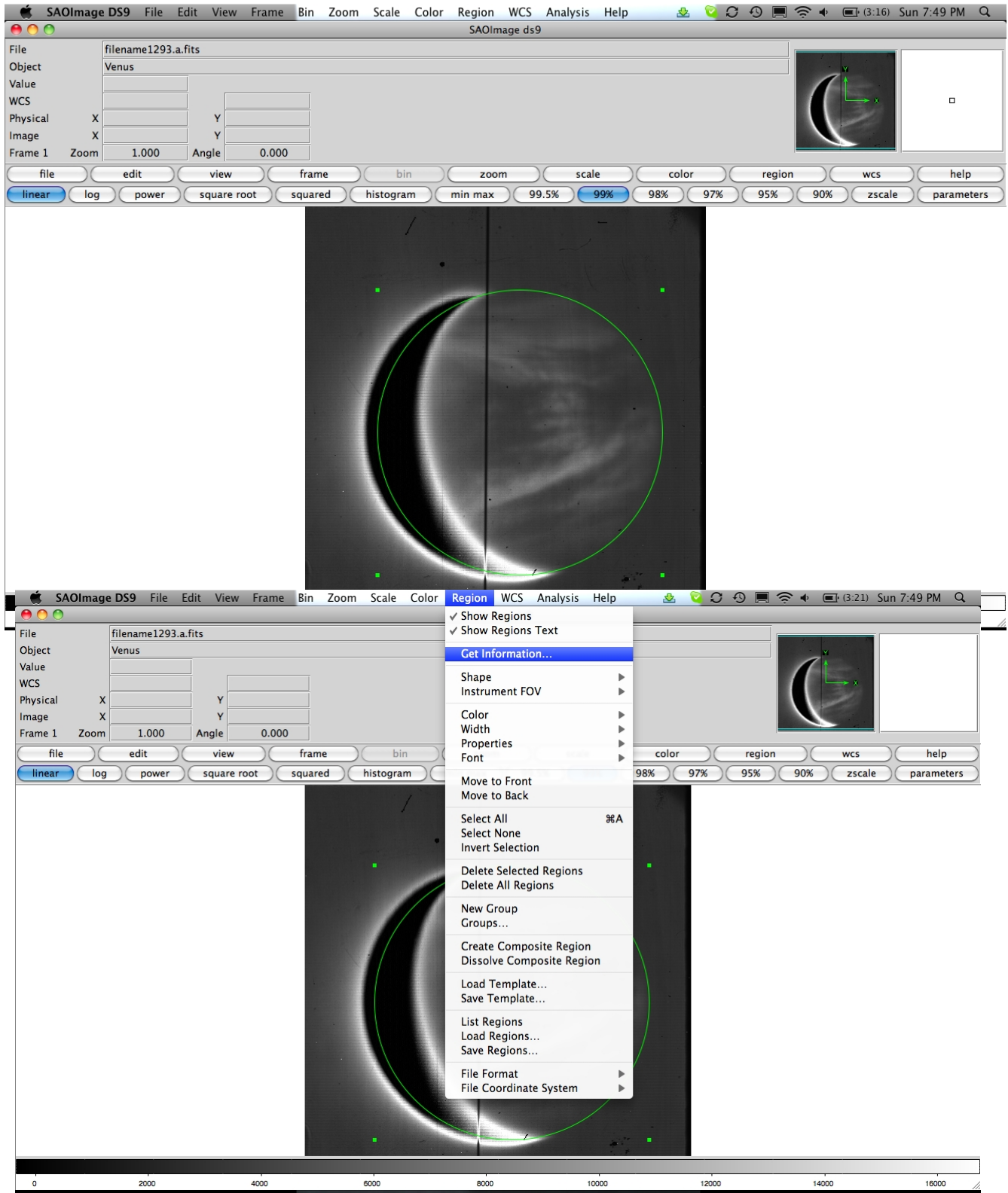
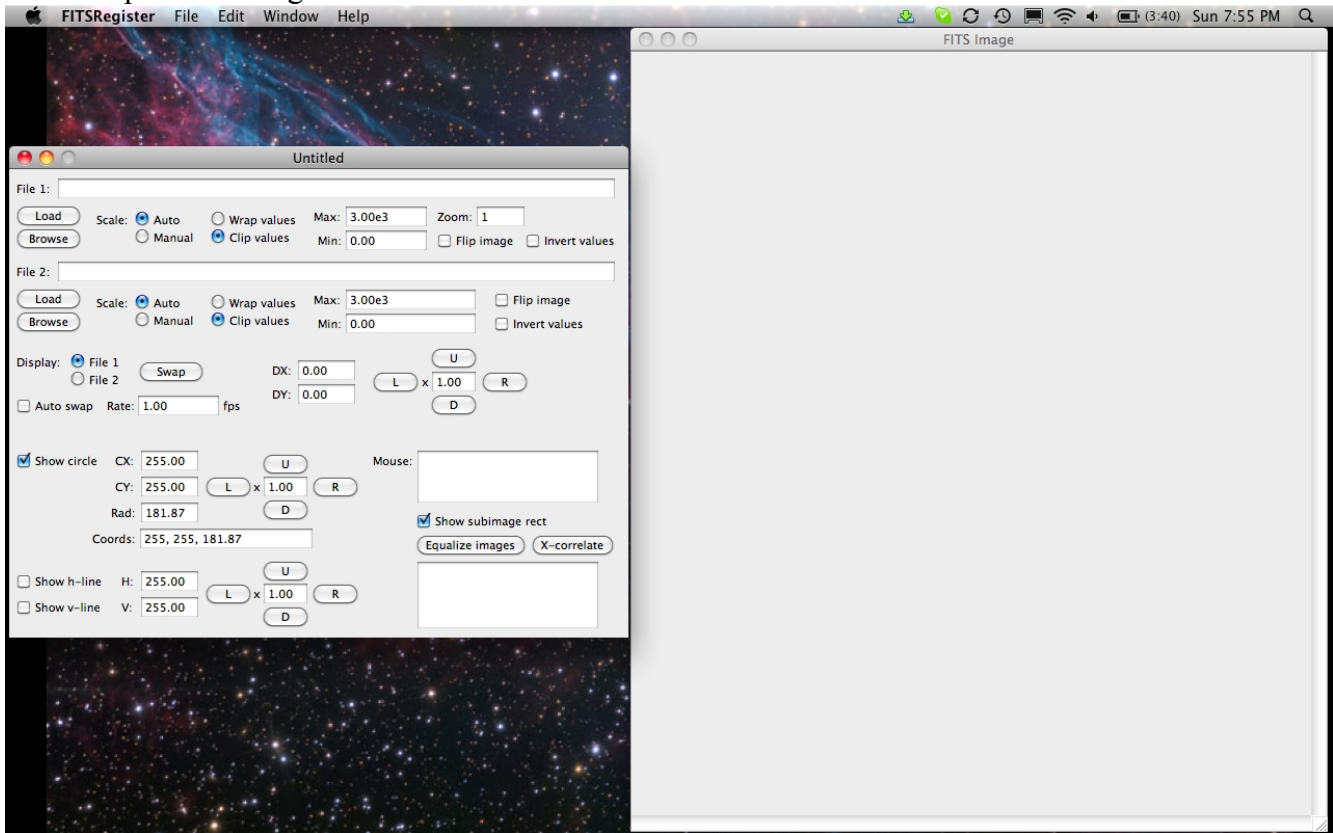


Carvers Registration steps using FITS Register for MAC

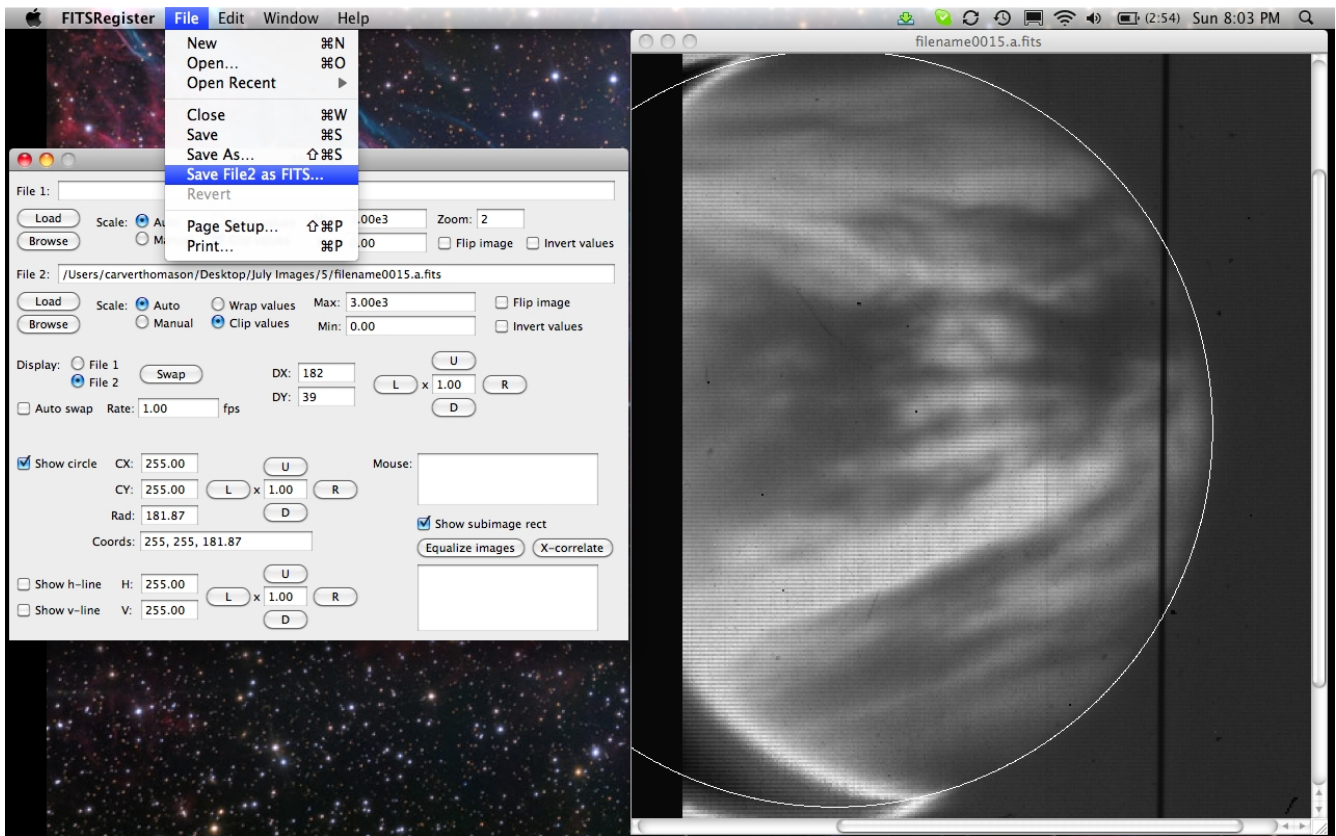
1. Find the size of the disk of Venus
 1. to do this I use DS9's Region tool
 2. Create a circle over the disk of Venus and click “get information”



2. Open FITS Register and check the Show circle box



3. Set the circle radius to the number you gathered from DS9
4. Click “Browse” under where it says “ File 2:”
5. Adjust the zoom so you can more accurately register the image
6. If necessary set the “Scale:” feature to manual and adjust the values so you can clearly see the edge of the disk
7. Use the Left, Right, Up, and Down buttons to move the disk of Venus into the circle
8. Once you feel the image is registered, Press “File- Save File2 As FITS”



9. Save the image to the desired folder and rename it.

Notes:

If you are registering images that were taken in a short time span you shouldn't have to move them very much.

The size of Venus will usually stay the same size each night but can change between nights